Lake 1 Transect

Date: 7/13/88

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 1. A wooden square measuring two feet on each side was used as a plot. Twenty-two plots were randomly located from north to south. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	19	0.84
Sawgrass	64	2.91
Unk (vine)	5	0.23
Millet	259	11.77
Sagittaria sp1	4	0.18
Unk #2	6	0.27
Sagittaria sp2	2	0.09
Rush	261	11.86
Eleocharis sp	66	3.00

Lake 2 Transect

Date: 7/13/88

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 2. A wooden square measuring two feet on each side was used as a plot. Twenty-two plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	52	2.36
Millet	668	30.36
Marsh mallow	36	1.64
Unk.	8	0.36
Rush	2	0.09
Sawgrass	24	1.09

Lake 3 Transect

Date: 7/13/88

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 3. A wooden square measuring two feet on each side was used as a plot. Thirteen plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	3	0.23
Marsh Mallow	10	0.77
Millet	407	31.31
Alligator weed	74	5.69
Unk. #1	1	0.08
Soft stem rush	27	2.08
Sawgrass	21	1.62
Sagittaria sp	8	0.62

Oyster Pond Transect

Date: 7/13/88

Method

A transect, marked by metal poles at each end, was established on the south side of Oyster Pond. A wooden square measuring two feet on each side was used as a plot. Thirty-three plots were randomly located from south to north. Five steps (approximately five feet) were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	28	0.85
Millet	333	10.09
Alligator Weed	31	0.94
Soft stem rush	893	27.06
American lotus	15	0.45
Water lily	12	0.36

In addition, 28 of the plots contained submergents such as Chara sp, pondweeds, and bladder wort.